Integrity Management -New Foundations for Managing Pipeline Systems Integrity

Steve Fischer
GIS Manager
Office of Pipeline Safety
202-366-6267
steven.fischer@rspa.dot.gov
www.npms.rspa.dot.gov

Acronyms

- IMP -- Integrity Management Program
- HCA -- High Consequence Area
- HPA -- High Population Area
- OPA Other Populated Area
- CNW Commercially Navigable Waterway
- USA Unusually Sensitive Area



NPMS General Submissions

Repositories

Data

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DUI

U.S. Department of Transportation

REPA

Research and Special Programs Administration

OPS

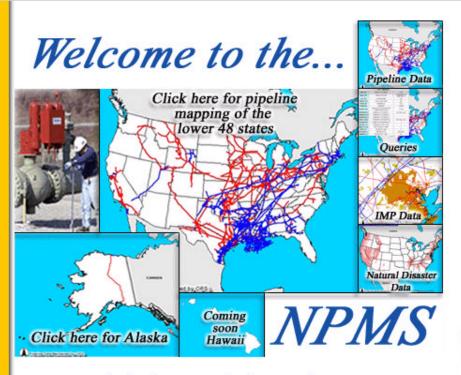
Office of Pipeline Safety



NPMS Metadata & **Attribute Template** Software v2.1.1

This site best viewed with NS or IE 4.0+. Upgrade now.

Web Last Updated: March 28, 2001



Thanks to these operators for their recent submissions

- 1) USA Data Now available
- 2) New IMP (Integrity Management Program) Population Information
- 3) Addendum for Operator Standards
- 4) NPMS (01/01) data available!
- 5) Advisory Committee NPMS Presentation February 7, 2001



DOT "Privacy and Disclaimer Notice"

DOT-RSPA-OPS "Special Concerns"

Click here for submission **Statistics**

LIQUID GAS 34%



NPMS Data Access

- Download data from the NPMS homepage --www.npms.rspa.dot.gov
 - Pipeline Data
 - Hazardous Liquid Integrity Management Program
 High Consequence Data
 - HPA, OPA, CNW, USA Drinking Water and Ecological
 - Ecological USA data available only to hazardous liquid pipeline operators
 - Commercially Navigable Waterways
 - Natural Hazard Data



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Data Dissemination

DOT-OPS DATA

Other Data

DOT - OPS DATA

The pipeline and LNG layers of the NPMS are made available on this site to other government agencies, the pipeline industry, and the public. Other data layers pertaining to high consequence areas and natural disaster probability areas have been collected from various government and private sources and are also made available on this site.

One of the goals of the NPMS is to assist operators in progressing toward a fully digitized environment. Therefore, the digital pipeline and LNG facility data is provided back to contributing operators at no cost. Repositories may charge fees for other products and services.

The data contained in the NPMS are for reference purposes only and are not to be construed as surveyquality data or a replacement for contacting a one-call center.

Contact npms-nr@mbakercorp.com for more information.

Disclaimer 1: The National Pipeline Mapping System data has been compiled by the United States Department of Transportation, Research and Special Programs Administration, Office of Pipeline Safety as part of the National Pipeline Mapping System (NPMS). The data is compiled from contributions made by pipeline and LNG facility operators and is processed by state agencies and private contractors. Neither the United States government nor any party involved in the creation and compilation of NPMS data and maps guarantees the accuracy or completeness of the product, NPMS data should be considered no more accurate than +/- 500 feet and must never be used as a substitute for contacting the appropriate one-call center prior to digging.

Disclaimer 2: The following data sets representing High Population Areas, Other Populated Areas, and Commercially Navigable Waterways are derived from the Pipeline Integrity Management in High Consequence Areas rulemaking [IMP Rulemaking]. The layers for High Population Areas and Other Populated Areas are based on 1990 Census data. The current population data (posted December 19th, 2000) has been improved to more accurately represent the geographic boundaries of the populated areas.

National Pipeline Mapping System *See Disclaimer 1*

NPMS Data Represents the following OPS percentages

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Disclaimer

The data used to create these USA maps meet criteria established by the Office of Pipeline Safety (OPS) for a limited purpose and are not appropriate for other uses. The ecological USA data are provided to assist pipeline operators in complying with OPS regulations pertaining to USAs. Due to data licensing limitations, users downloading these data are not authorized to use these data for other purposes. The information presented should not be considered a definitive statement on the presence, absence, or condition of ecological elements in a given area. For use other than that mentioned above, please contact the appropriate resource agency that provided the ecological data to OPS.

The ecological Unusually Sensitive Areas presented here are based on several data sources, including data provided by the Network of Natural Heritage Programs (NHP). NHP data are delivered with the following disclaimers:

- a. The data provided are for planning, assessment, and informational purposes. Site-specific projects or activities should be reviewed for potential environmental impacts with appropriate regulatory agencies. If ground-disturbing activities are proposed on a site, the appropriate state natural heritage program(s) can be contacted for a site-specific review of the project area. For contact information, see the ABI web site, <u>www.abi.org</u>.
- b. Absence of information for a given geographic area, or lack of current information for a given area, does not categorically mean the absence of sensitive species or features. The absence of data may indicate that the project area has not been surveyed, rather than confirm that the area lacks natural heritage resources.
- c. The quantity and quality of data are dependent on research and observation of many individuals and organizations. In most cases this information is not the result of comprehensive or site-specific field surveys; many natural areas have never been surveyed and new plant and animal species records are still being discovered for many localities. For these reasons, the Heritage Programs cannot provide a definitive statement on the presence, absence or condition of biological elements. The NHP data show the natural heritage occurrences documented at the time the data were provided. These data should not be used as a substitute if an on-site survey is required for environmental assessment.
- OPS acknowledges that data is time-limited. New and updated information is continually being added to the NHP databases.
- e. Although every effort has been made to verify this information the Heritage programs make no guarantee with respect to the currency or accuracy of any data point provided, and accepts no responsibility for decisions made based on the information supplied.

Click (I Accept) to continue or (I do not Accept)



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Data Dissemination To request Ecological USA data, please provide the following information to Sam Hall at OPS:

DOT-OPS DATA

Other Data

Please Note:

Ecological USA data will be provided to pipeline operators ONLY.

Due to data security concerns, contractors/consultants will need to initiate requests for ecological USA data through pipeline operators. Thank you for your cooperation.

- * First Name
- * Last Name
- * Middle Initial
- * Title
- * Pipeline Operator Name
- * OPS Operator ID
- * Street Address
- * City
- * State
- * ZIP Code
- * Phone
- * Fax
- * Email
- * States Requested (Currently available: IL, KS, LA, MO, MT, NM, OK, TX, WY)
- * Reason for Request
- * Do you accept the conditions of the agreement as stated at:

www.npms.rspa.dot.gov/data/USA_data/USA_eco_disc.htm

(Please state "I accept the terms of the data agreement" or "I do not accept the terms of the data agreement".)

Sam Hall

GIS Analyst

U.S. Department of Transportation

Office of Pipeline Safety 400 7th St. SW. DPS-11

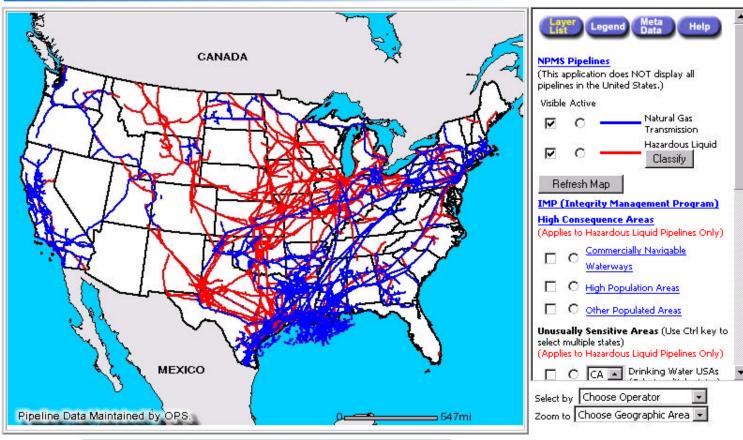
Washington DC, 20590 Phone: 202-493-0591

Email: samuel.hall@rspa.dot.gov

NPMS Data Access

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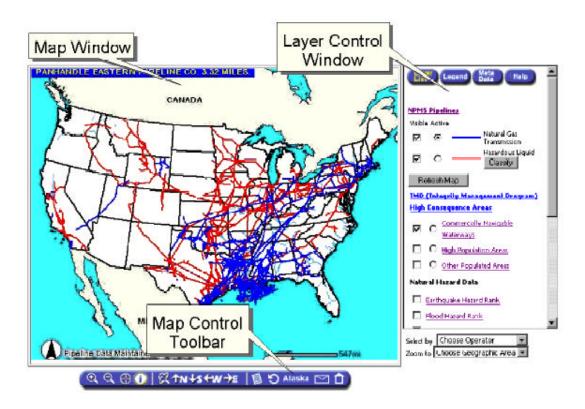






Using the National Pipeline Mapping System Internet Mapping Application

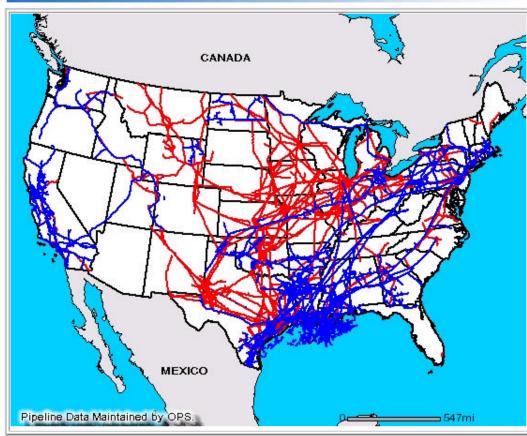
The National Pipeline Mapping System (NPMS) Internet Mapping Application homepage (shown below) consists of three main sections:



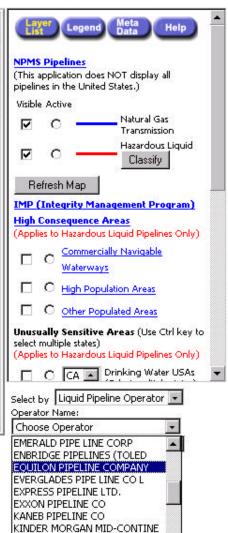
- Map Window displays the chosen map layers and lets you graphically select features
- Layer Control Window allows users to choose which layers are displayed and which layer's features are selectable in the map window

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National Pipeline Mapping System

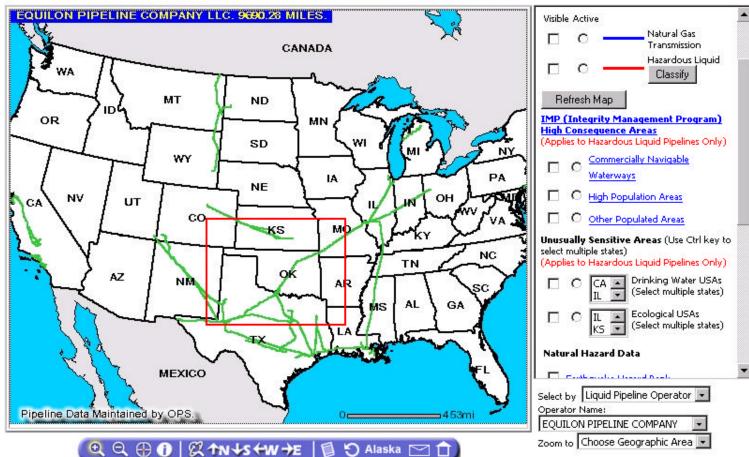




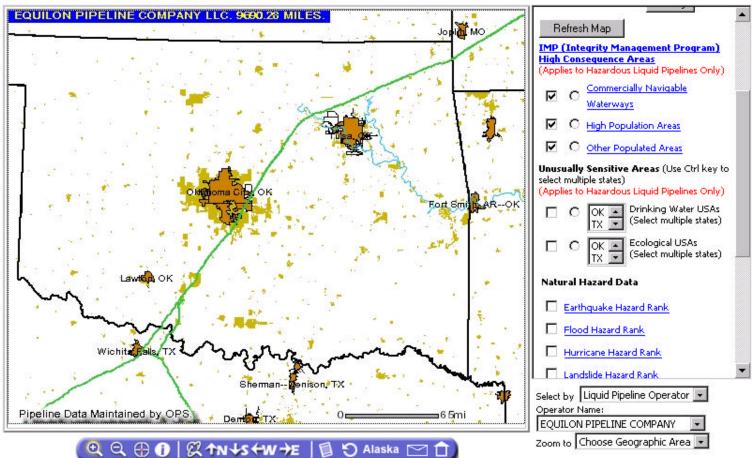


KINDER MORGAN SFPP L.P. KOCH PIPELINE COMPANY, L. KOCH REFINING CO

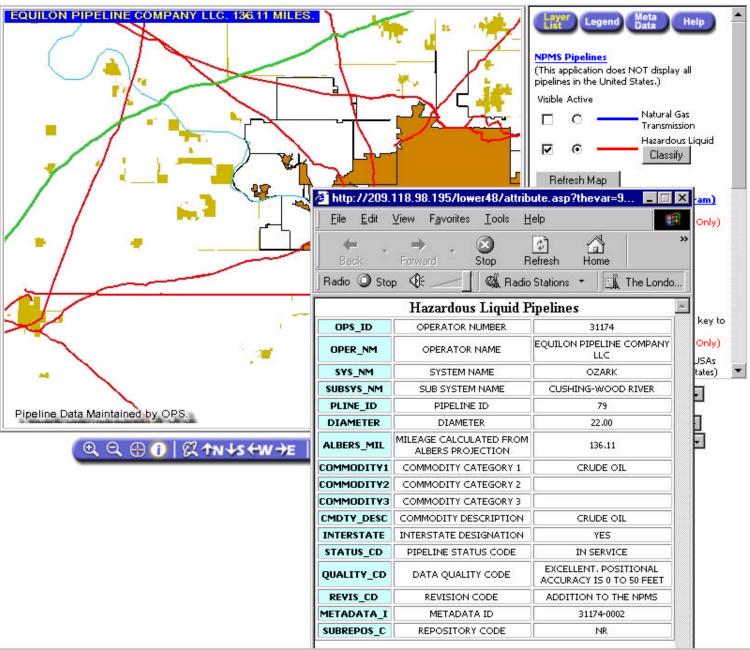








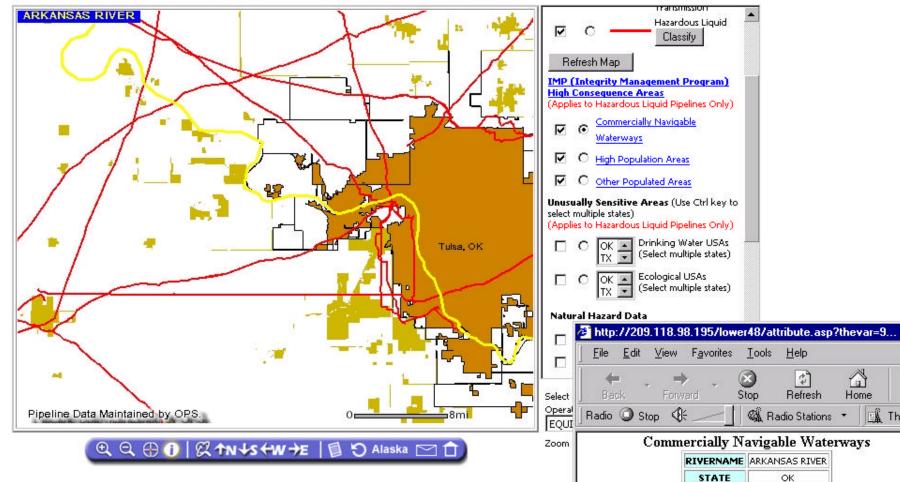




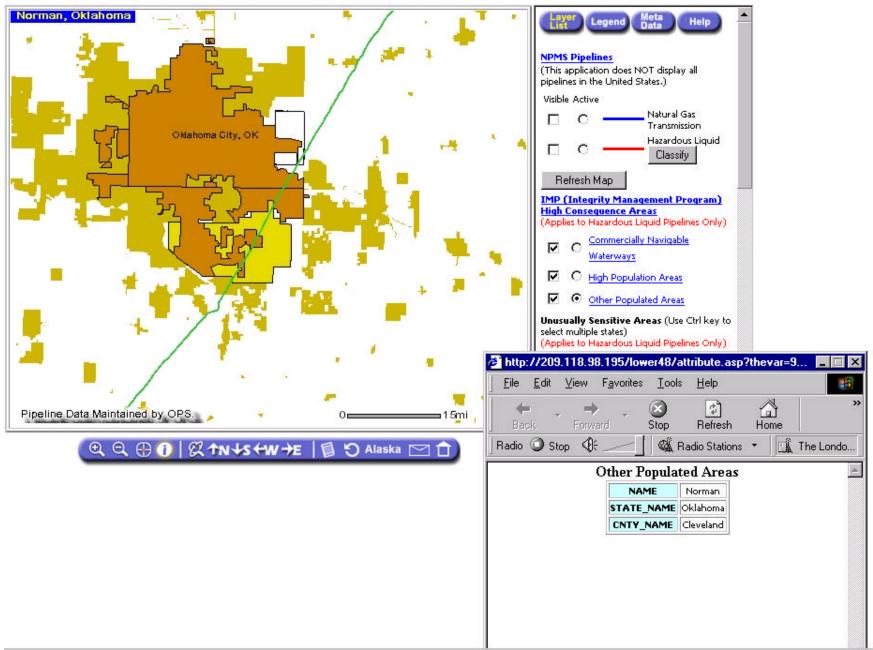


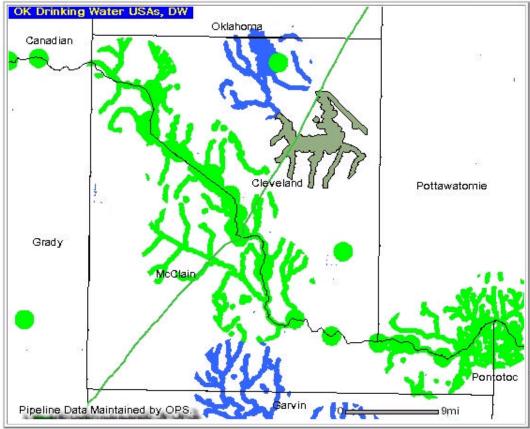
Home

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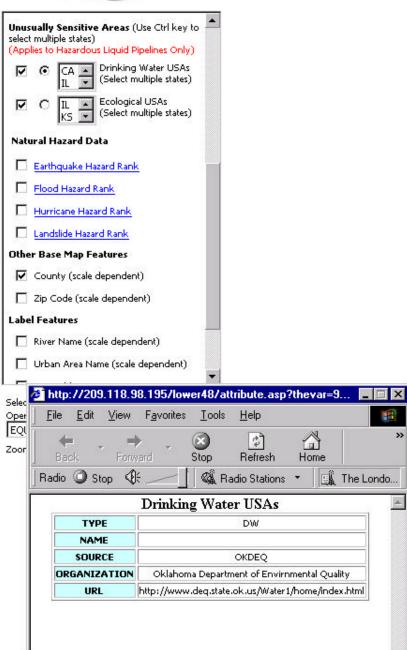






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National Pipeline

